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Listing of the Claims:

 (Currently amended) An automatic driving position adjustment system for use in a vehicle, comprising:

- (a) a first adjustable component adjustable by an operator, the first adjustable component configured to adjust in a plurality of bi-directions;
- a plurality of additional adjustable components each configured to adjust in a plurality of bi-directions;
- (c) a controller configured to receive vehicle signals and determine at least an interlocked state, wherein the vehicle is not <u>considered to be</u> moving, and a noninterlocked state, wherein the vehicle is considered to be moving, from the vehicle signals:
- (d) a plurality of movement-distance sensors, one movement-distance sensor associated with each bi-direction that the first adjustable component can move, wherein the movement-distance sensors each generates an output signal indicative of a distance and direction moved to achieve a new position of the first adjustable component, wherein the controller, when in the interlocked state, is responsive to the output signal of the movement-distance sensors and is configured to compute a new position of each of the plurality of additional adjustable components on the basis of the distance and direction moved to achieve the new position of the first adjustable component, and based on each new position, calculates the distance and direction each movement distance sensor must move its associated additional adjustable component must move to achieve the new position, and wherein the controller, when in the non-interlocked state, is not responsive to the output signal of the at least one movement-distance sensor; and
- (e) a motor associated with each bi-direction of each adjustable component, wherein the controller actuates each of the motors associated with the additional adjustable components when in the interlocked state, to move the additional adjustable components in the calculated direction the calculated distance to obtain the new positions.
- 2. (Previously presented) The automatic driving position adjustment system of Claim 1, wherein the first adjustable component is a driver's seat having three movement-distance sensors, and the additional adjustable components are selected from the group consisting of: a steering wheel having two movement-distance sensors, a right door mirror having two movement-distance sensors, a left door mirror having two movement-

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distance sensors, and an interior mirror having two movement distance sensors.

3. (Previously presented) The automatic driving position adjustment system of Claim 1, wherein the controller is further configured to compute the distance and the direction to obtain the desired new position by multiplying a prescribed coefficient by the distance and the direction that the first adjustable component has moved, each prescribed coefficient based on a predetermined relationship between each additional adjustable component and the first adjustable component.

(Canceled).

- 5. (Previously presented) The automatic driving position adjustment system of Claim 1, wherein the interlocked state occurs when one or more of the vehicle speed is zero, the position of the shift lever is in park, the position of the shift lever is neutral, and the parking brake is on and the non-interlocked state occurs when all of the vehicle speed is not zero, the position of the shift lever is not in park, the position of the shift lever is not in neutral and the parking brake is off.
- 6. (Previously presented) The automatic driving position adjustment system of Claim 1, wherein the first adjustable component is a first mirror surface that moves through a range of angular positions when adjusted by an operator; and the additional adjustable components include at least a second mirror surface that is adjustable through a range of angular positions; wherein the movement-distance sensor output is indicative of the change in the angular position of the first mirror surface.
- (Previously presented) A vehicle, comprising the automatic driving position adjustment system of claim 1.
- 8. (Previously presented) The vehicle of Claim 7, wherein the first adjustable component is a driver's seat, and the plurality of additional adjustable components are selected from the group consisting of: a steering wheel, a right door mirror, a left door mirror and an interior mirror.

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(Previously presented) The vehicle of Claim 7 wherein the controller is further configured to compute the distance and the direction to obtain the desired new position by multiplying a prescribed coefficient by the distance and the direction that the first adjustable component has moved, each prescribed coefficient based on a predetermined relationship between each additional adjustable component and the first adjustable component.

10. (Canceled).

- (Previously presented) The vehicle of Claim 7, wherein the interlocked 11. state occurs when one or more of vehicle speed is zero, the position of the shift lever is in park, the position of the shift lever is neutral, and the parking brake is on.
- 12. (Original) The vehicle of Claim 7 wherein the first adjustable component is a first mirror surface; wherein the first motor rotates the first mirror through an angular distance; and wherein the movement-distance sensor output is indicative of the angular distance.
- 13. (Currently amended) An automatic driving position adjustment system for use in a vehicle, comprising:
- (a) a first adjustable component wherein the first component relates to the attitude of a driver and is movable by the driver in a plurality of bi-directions during a series of adjustment cycles;
- a plurality of additional adjustable components each configured to move in a plurality of adjustment bi-directions;
- movement-distance detecting means for detecting each distance and direction of the plurality of bi-directions that the first adjustable component is moved from its position during the previous adjustment cycle to its position in the current adjustment cycle;
- control means for determining an interlocked state wherein the vehicle is not considered to be moving and a non-interlocked state wherein the vehicle is considered to be moving and, when in the interlocked state, computing a new position for each of the

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plurality of additional adjustable components on the basis of each distance and direction moved by the first adjustable component as detected by the movement distance detecting means and computing each direction and distance necessary to move each additional adjustable components to obtain the new position; and

- drive means for moving the plurality of additional adjustable components the directions and associated distances to obtain the new position as computed by the control means
- 14. (Previously presented) The automatic driving position adjustment system of Claim 13, wherein the first adjustable component is a driver's seat, and the additional adjustable components are selected from the group consisting of: a steering wheel, a right door mirror, a left door mirror and an interior mirror.
- 15. (Previously presented) The automatic driving position adjustment system of Claim 13, wherein the control means computes each distance and direction to move each additional adjustment component by multiplying a prescribed coefficient by the distance and direction moved by the first adjustable component as detected by the movement distance detecting means, each prescribed coefficient based on a predetermined relationship between each additional adjustable component and the first adjustable component.

(Canceled).

- 17. (Previously presented) The automatic driving position adjustment system of Claim 13, wherein the interlocked state is selected when one or more of vehicle speed is zero, the position of the shift lever is in park, the position of the shift lever is in neutral, and the parking brake is on.
- 18. (Previously presented) The automatic driving position adjustment system of Claim 13, wherein the first adjustable component is a first mirror surface adjustable about an angle and one of the additional adjustable components is a second mirror surface, wherein the movement-distance detecting means detects the angle that the first mirror is rotated.

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19. (Currently amended) A method for use in a vehicle to automatically adjust the position of a plurality of additional adjustable components in a plurality of adjustment bi-directions in response to the operator-actuated adjustment of a first adjustable component, comprising:

- (a) detecting each direction and an associated distance of operator-actuated adjustment for each of the plurality of bi-directions to achieve a new position of the first adjustable component;
- (b) determining an interlocked state wherein the vehicle is not considered to be moving or a non-interlocked state wherein the vehicle is considered to be moving;
- (c) when the interlocked state is determined, computing a new position of each additional adjustable component corresponding to the new position of the first adjustable component, each new position requiring directions and associated distances of adjustment for each of the plurality of bi-directions that the plurality of additional adjustable components are to undergo on the basis of the detected adjustment of the first adjustable component; and
- (d) moving the additional adjustable components each direction and associated distance of adjustment required to obtain its new position.
- 20. (Previously presented) The method of claim 19, wherein the first adjustable component is a driver's seat, and the detected direction and associated distance of adjustment is measured as the direction and distance traveled by the seat in a first bi-direction, the direction and distance traveled by the seat in a second bi-direction, and the direction and distance traveled by the seat in a second bi-direction, and the
- 21. (Previously presented) The method of claim 19, wherein the first adjustable component is a mirror surface that is adjustable by rotation, and the detected direction and associated distance of adjustment is measured as an angle through which the mirror is rotated.
- 22. (Previously presented) The method of claim 19, wherein the additional adjustable components are selected from the group consisting of: a steering wheel, a right door mirror, a left door mirror and an interior mirror.

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23. (Previously presented) The method of Claim 19, wherein the step of computing the directions and associated distances of adjustment further comprises multiplying a prescribed coefficient by each detected direction and associated distance of adjustment of the first adjustable component.

24. (Canceled).

25. (Previously presented) The method of claim 19, wherein the interlocked state is determined when one or more the vehicle speed is zero, the position of the shift lever is in park, the position of the shift lever is in neutral, and the parking brake is functional.